

## Special Issue

# Human-Centred Design of the Built Environments: Latest Advances and Prospects

### Message from the Guest Editors

Indoor comfort is of undoubted importance, but it is often not guaranteed in our everyday living spaces. As an example, when referring to impaired individuals, this issue becomes even more important because they may have hyper- or hyposensitivity to thermal, acoustic, visual or air quality issues but be unable to perceive the effects that these factors may have on their ways of life.

These topics have been examined/addressed and modifications have been implemented in various spaces, enabling people to live in a normal way and society to become more inclusive. [This Special Issue](#) aims to publish papers developing new perspectives, inclusive design and smart home technologies that can be applied to spaces wherein users are able to improve their comfort and wellbeing. The human-centered design of built environments will help everybody to better focus on users, merging building performance with inhabitants' requests and needs.

---

### Guest Editors

Dr. Marco Caniato

Faculty of Science and Technology, Free University of Bozen-Bolzano,  
39100 Bozen, Italy

Dr. Federica Bettarello

Department of Engineering and Architecture, University of Trieste,  
34127 Trieste, Italy

---

### Deadline for manuscript submissions

closed (20 December 2022)



## Applied Sciences

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.5  
CiteScore 5.3



[mdpi.com/si/81463](https://mdpi.com/si/81463)

*Applied Sciences*  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[appls@mdpi.com](mailto:appls@mdpi.com)

[mdpi.com/journal/  
appls](https://mdpi.com/journal/appls)





# Applied Sciences

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.5  
CiteScore 5.3



[mdpi.com/journal/  
applsci](https://mdpi.com/journal/applsci)



## About the Journal

### Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

---

### Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo  
Dipartimento di Fisica, Politecnico di Milano, Piazza L. da Vinci 32,  
20133 Milano, Italy

---

### Author Benefits

#### Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

#### High Visibility:

indexed within Scopus, SCIE (Web of Science), Inspec, CAPIus / SciFinder, and other databases.

#### Journal Rank:

JCR - Q1 (Engineering, Multidisciplinary) / CiteScore - Q1 (General Engineering)